Lower Passaic River Study Area
Information on GIS files in the StraightenedCoordinates.gdb Geodatabase
Anchor QEA, LLC on Behalf of the Cooperating Parties Group
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Information pertains to the point feature class: **Straight_Coordinates_v2**

This file was used to generate the straightened river variogram in Appendix J in the February 2015 Draft LPRSA RI/FS Report. Straightened coordinates were calculated in relation to a river centerline. High positive values in the s_ycoord field correspond to upstream extent of the samples; whereas low values correspond to the downstream extent of the system. Negative values in the n_xcoord field correspond to samples that fall left of the river centerline with a perspective viewing upstream; conversely positive values correspond to values that fall right of the centerline.

The variograms in Appendix J in the February 2015 Draft LPRSA RI/FS Report were presented only to illustrate spatial correlation and are not used in any quantitative way for the mapping.

Because this file contains straightened coordinates, there is no spatial reference for this GIS layer.

Relevant Fields:
STUDYID – Sampling program name from AQ database
RI_StudyID – Name of sampling program used in RI report
YEAR – Year sampled
LOCATIONID – Sample Location ID
DEPTHCLASS – Depth layer of interpolations (A, B, C, D, or E; Key Below)
ANL_SHORT_ – Contaminant name
XCOORD – original x coordinate, NAD83, NJ State Plane Feet
YCOORD – original y coordinate, NAD83, NJ State Plane Feet
RES_NGKG – Concentration, ng/kg
RIVERMILE – Approximate river mile location
S_YCOORD – Straightened river coordinate in the y axis direction, Feet
N_XCOORD – Straightened river coordinate in the x axis direction, Feet

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